## Richmond

Community Meeting scheduled for February with the assistance of the BAAQMD.

Richmon

service 40-45 locomotives/day Classification 1300 cars/day

Richmond: 9 – 4 axle (3 sets & 3 singles) ( Includes Port of Oakland)

Yard: 2 single GPS 7 days/24' day (prefers SW type) Yard: 1 single GP 7 days/16' day (prefers SW type)

Yard: 1 set (2) GPs 5 days/12' day Yard: 2 sets (4) GPs OIG 7 days/24' day

Intermodal 85,000 lifts/yr

8-11 Yard tractors 3-5 RTG cranes 1-3 Side loaders

Source	Area	Activity	Typical	Option	Description of Option	Is the Option Feasible for BNSF??							Notes	
Area	Description	Description	Loco.	Number	Description of Option	Technically	Legally	Operationally	Economically	Safety	Other	Go?	Notes	
1	1 Movement into & out of the Yard													
1a	Classification													
			•	1	Discontinue use of area	-	-	No	No	-	-	NO		
				2	Dedicate T2, ULEL, etc.	Yes	Yes	No	No	-	-	NO		
				3	Retrofit w/ AESS	Yes	Yes	Yes	?	-	-	?	Will require more evaluation	
				4	Manual Shutdown	Yes	Yes	Yes	Yes	-		05 MOU	Will require more evaluation	
				5	Use LNG units	No	Yes	No	No	?	No*	NO	*technical/safety/logistics issues	
				6	Use CARB diesel	Yes	Yes	No	1	-	-	NO	Cannot get CARB out of state	
				7	Use specialty fuels	Not sure	Yes	No	Unkown		-	NO	biodiesel, lubrizol, purinox, etc.	
				8										
1b		Movement Local fleet												
					Discontinue use of area	-	-	No	No	-	-	NO		
					Dedicate T2, ULEL, etc.	Yes	Yes	?	No	-	-	NO		
				3	Retrofit w/ AESS	Yes	Yes	Yes	?	-	-	05 MOU		
				4	Enforce shutdown policy	Yes	Yes	-	-	-		05 MOU		
					Use LNG units	Yes	Yes	No	?	?	No*	?	Hp size and fuel logistics issues	
					Use CARB diesel	Yes	Yes	Yes	?	-	-	05 MOU		
					Use specialty fuels	Yes	Yes	No	-		-	NO	biodiesel, lubrizol, purinox, etc.	
					Use Green Goats	Yes	Yes	Maybe	-			?	Will require more evaluation	
					Use Multi Gen Set	Yes	Yes	Yes	?			?	Will require more evaluation	
2	Idling & movemen	t within identif	fied location	S										
2a	Classification	Idling	Road fleet											
					See Source Area 1a for option									
2b		Idling	Local fleet											
					See Source Area 1b for optio	ns associated	with move	ement of Local fl	eet locomotives.					
3 Idling at Svc Trk, Shop & Ready Tracks														
3a Service Track Idling Mixed fleet 1											•			
See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.												•		
3b Locomotive Shop Idling Shop fleet														
See Source Area 1a for options associated with movement of Shop fleet locomotives.														
3c Ready Track Idling Mixed fleet 1														
See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.														

Source	Area	Activity	Typical	Option	Description of Option	Is the Option Feasible for BNSF?? Go?							Notes
Area	Description	Description		Number	Description of Option	Technically	Legally	Operationally	Economicall	y Safety	Other	GO?	Notes
	Movement between	en Svc Trk, & Lo	comotive S	hop									
3e	Service Track area	Movement	Shop fleet										
		•	•		See Source Area 1a for option	ns associated	with mov	rement of Shop	fleet locomotive	es.			
3f	Shop area	Movement	Shop fleet										
					See Source Area 1a for option	ns associated	with mov	rement of Shop	fleet locomotive	es.			
	Testing at Svc Trk,	, Load Test, & L	ocomotive	Shop									
3g	Service Track	Testing/Inspection	Mixed								_		
				1	Discontinue use of area	-	-	No	No	-	-	NO	
				2	Ins exhaust hood/scrub	Maybe	Yes	Yes	?	?	-	?	Watch progress at Roseville
				3	Relocate test area	Yes	Yes	No	No	-	-	NO	
				4	Modify test proceedure	Yes	No	?	?	-	-	NO	already try to minimize time now
3h	Locomotive Shop	Testing/Inspection	Tested fleet										
					See Source Area 1 & 3g for	options associ	ated with	testing/inspecti	ion fleet locomo	tives.			
4	Idling of Yard Equ	ipment (tractor	rs/hostlers,	cranes, au	ito transports, etc.)								
4a		Idling											
				1	Discontinue use of area	No	Yes	No	No	-	-	No	
				2	Upgrade equipment	Yes	Yes	Yes	?			?	Will require more evaluation
													Cargo Handling Equipment Rule
4	Movement of Yard	Equipment (tra	actors/host	lers, crane	s, auto transports, etc.)								
4b		Movement											
				1	Discontinue use of area	No	Yes	No	No	-	-	No	
				2	Upgrade equipment	Yes	Yes	Yes	?			?	Will require more evaluation
													Cargo Handling Equipment Rule